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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/843,168	04/27/2001	Thomas Schilling	P 280255 RRD10403PUS-3MK	8590
7590 08/03/2007 Timothy J. Klima			EXAMINER	
Harbin, King &	z Klima		FREAY, CHARLES GRANT	
500 9th Street, S.E. Washington, DC 20003			ART UNIT	PAPER NUMBER
			3746	
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			MAIL DATE	DELIVERY MODE
			08/03/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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	Application No.	Applicant(s)				
	09/843,168	SCHILLING ET AL.				
Office Action Summary	Examiner	Art Unit				
	Charles G. Freay	3746				
The MAILING DATE of this communication app Period for Reply	ears on the cover sheet w	rith the correspondence addres	ss			
A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING DA - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period w - Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNI 36(a). In no event, however, may a vill apply and will expire SIX (6) MO cause the application to become A	CATION. reply be timely filed NTHS from the mailing date of this commu BANDONED (35 U.S.C. § 133).				
Status						
1) Responsive to communication(s) filed on 12 Ju	- · · · · · · · ·					
·	action is non-final.					
3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.						
Disposition of Claims						
4) ☐ Claim(s) 1-11 is/are pending in the application. 4a) Of the above claim(s) 2-4 is/are withdrawn f 5) ☐ Claim(s) is/are allowed. 6) ☐ Claim(s) 1 and 5-11 is/are rejected. 7) ☐ Claim(s) is/are objected to. 8) ☐ Claim(s) are subject to restriction and/or						
Application Papers						
9) ☐ The specification is objected to by the Examine	r.					
10)☐ The drawing(s) filed on is/are: a)☐ accepted or b)☐ objected to by the Examiner.						
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).						
Replacement drawing sheet(s) including the correcting 11) The oath or declaration is objected to by the Example 11.						
Priority under 35 U.S.C. § 119						
12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1. Certified copies of the priority documents 2. Certified copies of the priority documents 3. Copies of the certified copies of the prior application from the International Bureau * See the attached detailed Office action for a list of	s have been received. s have been received in A ity documents have beer (PCT Rule 17.2(a)).	Application No received in this National Sta	ge			
Attachment(s)						
1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date	Paper No	Summary (PTO-413) s)/Mail Date informal Patent Application				

DETAILED ACTION

This office action is in response to the amendment of July 12, 2007. In making the below rejections the examiner has considered and addressed each of the applicant's arguments.

Claim Rejections - 35 USC § 103

The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claims 1, 5-7, 10 and 11 are rejected under 35 U.S.C. 103(a) as being unpatentable over WO/96/27766 to Brehm in view of Ansart et al as set forth in the previous office action.

Claim 8 is rejected under 35 U.S.C. 103(a) as being unpatentable over WO '766 in view of Ansart et al as applied to claim 1 above, and further in view of DE '258 as set forth in the previous office action.

Claim 9 is rejected under 35 U.S.C. 103(a) as being unpatentable over WO '766 in view of Ansart et al as applied to claim 1 above, and further in view of DE 197 20 402 as set forth in the previous office action.

Response to Arguments

Applicant's arguments filed July 12, 2007 have been fully considered but they are not persuasive. The applicant argues that Brehm has an axially staged construction and Ansart (the applicant actually refers to Ansari) is of a conventional design having only a single set of annularly arranged burners. Because of this the applicant argues "a person of ordinary skill in the art would not look to the single stage design of Ansart to modify the combustion chamber operation of the dual staged design of Brehm."

The examiner disagrees and notes col. 3 lines 37-55, and specifically lines 45-47 which sets forth that the main burner zone 5' is designed in the same manner as a conventional non-stepped annular combustor. Furthermore in lines 49-54 it is noted that air is mixed from both sides as is done in conventional annular burners. Therefore, one of ordinary skill would have found it obvious to use the teachings of Ansart et al since it is a conventional annular combustor.

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within

TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles G. Freay whose telephone number is 571-272-4827. The examiner can normally be reached on Monday through Friday 8:30 A.M. to 5:30 P.M..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Anthony Stashick can be reached on 571-272-4561. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Charles G Freay) Primary Examinei Art Unit 3746

CGF July 27, 2007